

PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/CAPLUS  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITALERT now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 20 May 17 FRFULL now available on STN  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
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NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:06:03 ON 18 MAY 2004

=> file uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 13:06:20 ON 18 MAY 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 18 May 2004 (20040518/PD)  
FILE LAST UPDATED: 18 May 2004 (20040518/ED)  
HIGHEST GRANTED PATENT NUMBER: US6738983

HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652  
CA INDEXING IS CURRENT THROUGH 18 May 2004 (20040518/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 18 May 2004 (20040518/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2004  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2004

```
>>> USPAT2 is now available.  USPATFULL contains full text of the    <<<
>>> original, i.e., the earliest published granted patents or        <<<
>>> applications.  USPAT2 contains full text of the latest US        <<<
>>> publications, starting in 2001, for the inventions covered in    <<<
>>> USPATFULL.  A USPATFULL record contains not only the original    <<<
>>> published document but also a list of any subsequent             <<<
>>> publications.  The publication number, patent kind code, and     <<<
>>> publication date for all the US publications for an invention    <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL  <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.                                                         <<<

>>> USPATFULL and USPAT2 can be accessed and searched together      <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to        <<<
>>> enter this cluster.                                              <<<
>>>                                                                    <<<
>>> Use USPATALL when searching terms such as patent assignees,     <<<
>>> classifications, or claims, that may potentially change from    <<<
>>> the earliest to the latest publication.                          <<<
```

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

```
=> s (neff, m? or neff m?)/au
      32 NEFF, M?/AU
      32 NEFF M?/AU
L1      32 (NEFF, M? OR NEFF M?)/AU

=> s (chory, j? or chory j?)/au
      10 CHORY, J?/AU
      10 CHORY J?/AU
L2      10 (CHORY, J? OR CHORY J?)/AU

=> s l1 and l2
L3      2 L1 AND L2

=> d l3 1-2 bib
```

```
L3  ANSWER 1 OF 2  USPATFULL on STN
AN   2003:74294  USPATFULL
TI   Genetically modified plants having modulated brassinosteroid signaling
IN   Neff, Michael M., St. Louis, MO, United States
      Chory, Joanne, Del Mar, CA, United States
PA   The Salk Institute for Biological Studies, La Jolla, CA, United States
      (U.S. corporation)
PI   US 6534313      B1   20030318
AI   US 2000-527073      20000316 (9)
PRAI US 1999-172832P      19991220 (60)
      US 1999-170931P      19991214 (60)
      US 1999-124570P      19990316 (60)
DT   Utility
FS   GRANTED
EXNAM Primary Examiner: McElwain, Elizabeth F.; Assistant Examiner: Collins,
      Cynthia
LREP  Knobbe, Martens, Olson & Bear, LLP
CLMN  Number of Claims: 11
ECL   Exemplary Claim: 1
DRWN  13 Drawing Figure(s); 7 Drawing Page(s)
LN.CNT 3184
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 USPATFULL on STN  
AN 2002:142455 USPATFULL  
TI Genetically modified plants having modulated brassinosteroid signaling  
IN **Neff, Michael M.**, St. Louis, MO, UNITED STATES  
**Chory, Joanne**, Del Mar, CA, UNITED STATES  
PI US 2002073446 A1 20020613  
AI US 2001-992901 A1 20011114 (9)  
RLI Division of Ser. No. US 2000-527073, filed on 16 Mar 2000, PENDING  
PRAI US 1999-172832P 19991220 (60)  
US 1999-170931P 19991214 (60)  
US 1999-124570P 19990316 (60)  
DT Utility  
FS APPLICATION  
LREP KNOBBE MARTENS OLSON & BEAR LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH  
FLOOR, NEWPORT BEACH, CA, 92660  
CLMN Number of Claims: 32  
ECL Exemplary Claim: 1  
DRWN 7 Drawing Page(s)  
LN.CNT 3254  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 11 or 12

L4 40 L1 OR L2

=> s 14 not 13

L5 38 L4 NOT L3

=> s 15 and (bas1 or bas-1 or bas(w)1)

54 BAS1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

6448 BAS

3785663 1

68 BAS(W)1

L6 0 L5 AND (BAS1 OR BAS-1 OR BAS(W)1)

=> s 15 and bas

6448 BAS

L7 0 L5 AND BAS

=> s 15 and bas1

54 BAS1

L8 0 L5 AND BAS1

=> s 15 and bas-1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

L9 0 L5 AND BAS-1

=> s bas1 or bas-1 or bas(w)1

54 BAS1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

6448 BAS

3785663 1

68 BAS(W)1

L10 120 BAS1 OR BAS-1 OR BAS(W)1

=> s l10 not l4

L11 118 L10 NOT L4

=> s l11 and plant

206554 PLANT

L12 27 L11 AND PLANT

=> d l12 1-10 ti

L12 ANSWER 1 OF 27 USPATFULL on STN

TI Human proteins responsible for NEDD8 activation and conjugation

L12 ANSWER 2 OF 27 USPATFULL on STN

TI Chlamydia pneumoniae polynucleotides and uses thereof

L12 ANSWER 3 OF 27 USPATFULL on STN

TI Gene sequences and uses thereof in plants

L12 ANSWER 4 OF 27 USPATFULL on STN

TI Genes affected by cholesterol treatment and during adipogenesis

L12 ANSWER 5 OF 27 USPATFULL on STN

TI Cell based signal generation

L12 ANSWER 6 OF 27 USPATFULL on STN

TI Yeast proteome analysis

L12 ANSWER 7 OF 27 USPATFULL on STN

TI Stress tolerant plants

L12 ANSWER 8 OF 27 USPATFULL on STN

TI Chlamydia pneumoniae polynucleotides and uses thereof

L12 ANSWER 9 OF 27 USPATFULL on STN

TI Method for amplifying nucleic acid sequence

L12 ANSWER 10 OF 27 USPATFULL on STN

TI Method for the prediction of molecular interaction networks

=> s l12 and (cytochrome or brassinolide)

9097 CYTOCHROME

91 BRASSINOLIDE

L13 8 L12 AND (CYTOCHROME OR BRASSINOLIDE)

=> d l13 1-8 ti

L13 ANSWER 1 OF 8 USPATFULL on STN

TI Gene sequences and uses thereof in plants

L13 ANSWER 2 OF 8 USPATFULL on STN

TI Yeast proteome analysis

L13 ANSWER 3 OF 8 USPATFULL on STN

TI Stress tolerant plants

L13 ANSWER 4 OF 8 USPATFULL on STN

TI Microfabricated recessed disk microelectrodes: characterization in static and convective solutions

L13 ANSWER 5 OF 8 USPATFULL on STN

TI Vectors having replication, immunogenicity and/or pathogenicity under stress promoter regulation and use thereof

L13 ANSWER 6 OF 8 USPATFULL on STN  
TI Polynucleotides and polypeptides derived from corn ear

L13 ANSWER 7 OF 8 USPATFULL on STN  
TI Expressed sequences of arabidopsis thaliana

L13 ANSWER 8 OF 8 USPATFULL on STN  
TI Expressed sequences of arabidopsis thaliana

=> d l13 1,3,5,6,7,8 bib

L13 ANSWER 1 OF 8 USPATFULL on STN  
AN 2003:331453 USPATFULL  
TI Gene sequences and uses thereof in plants  
IN Edgerton, Michael D., St. Louis, MO, UNITED STATES  
Chomet, Paul S., Mystic, CT, UNITED STATES  
Laccetti, Lucille B., Groton, CT, UNITED STATES  
PI US 2003233670 A1 20031218  
AI US 2002-310154 A1 20021204 (10)  
PRAI US 2001-337358P 20011204 (60)  
DT Utility  
FS APPLICATION  
LREP MONSANTO COMPANY, 800 N. LINDBERGH BLVD., ATTENTION: G.P. WUELLNER, IP  
PARALEGAL, (E2NA), ST. LOUIS, MO, 63167  
CLMN Number of Claims: 28  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Page(s)  
LN.CNT 14098  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 8 USPATFULL on STN  
AN 2003:135744 USPATFULL  
TI Stress tolerant plants  
IN Palatnik, Javier Fernando, Rosario, ARGENTINA  
Fillat Castejon, Maria Francisca, Zaragoza, SPAIN  
Carrillo, Nestor Jose, VG Galvez, ARGENTINA  
Valle, Estela Maria, Rosario, ARGENTINA  
Tognetti, Vanessa Beatriz, Rosario, ARGENTINA  
PI US 2003093833 A1 20030515  
AI US 2001-983536 A1 20011024 (9)  
DT Utility  
FS APPLICATION  
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,  
22201  
CLMN Number of Claims: 31  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Page(s)  
LN.CNT 1386  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 8 USPATFULL on STN  
AN 2002:301227 USPATFULL  
TI Vectors having replication, immunogenicity and/or pathogenicity under  
stress promoter regulation and use thereof  
IN Gamerman, Gary Eric, Vienna, VA, UNITED STATES  
PI US 2002168771 A1 20021114  
AI US 2001-850270 A1 20010508 (9)  
DT Utility  
FS APPLICATION  
LREP Gary Eric Gamerman, 2158 Bonaventure Drive, Vienna, VA, 22181  
CLMN Number of Claims: 40  
ECL Exemplary Claim: 1  
DRWN No Drawings

LN.CNT 2365

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 8 USPATFULL on STN

AN 2002:291078 USPATFULL

TI Polynucleotides and polypeptides derived from corn ear

IN Lalgudi, Raghunath V., Clayton, MO, United States

Ito, Laura Y., Pleasanton, CA, United States

Sherman, Bradley K., Oakland, CA, United States

PA Incyte Genomics, Inc., Palo Alto, CA, United States (U.S. corporation)

PI US 6476212 B1 20021105

AI US 1999-313294 19990514 (9)

PRAI US 1998-86722P 19980526 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Brusca, John S.; Assistant Examiner: Moran, Marjorie A.

LREP Incyte Genomics, Inc., Murry, Lynn E.

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 23084

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 7 OF 8 USPATFULL on STN

AN 2002:38559 USPATFULL

TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES

An, Yong-Qiang, San Diego, CA, UNITED STATES

Hamilton, Carol M., Apex, NC, UNITED STATES

Price, Jennifer L., Raleigh, NC, UNITED STATES

Raines, Tracy M., Durham, NC, UNITED STATES

Yu, Yang, Martinsville, NJ, UNITED STATES

Rameaka, Joshua G., Durham, NC, UNITED STATES

Page, Amy, Durham, NC, UNITED STATES

Mathew, Abraham V., Cary, NC, UNITED STATES

Ledford, Brooke L., Holly Springs, NC, UNITED STATES

Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES

Haas, William David, Durham, NC, UNITED STATES

Garcia, Carlos A., Carrboro, NC, UNITED STATES

Kricker, Maja, Pittsboro, NC, UNITED STATES

Slater, Ted, Apex, NC, UNITED STATES

Davis, Keith R., Durham, NC, UNITED STATES

Allen, Keith, Cary, NC, UNITED STATES

Hoffman, Neil, Chapel Hill, NC, UNITED STATES

Hurban, Patrick, Raleigh, NC, UNITED STATES

PI US 2002023281 A1 20020221

AI US 2001-770445 A1 20010126 (9)

PRAI US 2000-178472P 20000127 (60)

DT Utility

FS APPLICATION

LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528, RTP, NC, 277094528

CLMN Number of Claims: 27

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4317

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 8 OF 8 USPATFULL on STN

AN 2002:38558 USPATFULL

TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES

An, Yong-Qiang, San Diego, CA, UNITED STATES

Hamilton, Carol M., Apex, NC, UNITED STATES

Price, Jennifer L., Raleigh, NC, UNITED STATES  
 Raines, Tracy M., Durham, NC, UNITED STATES  
 Yu, Yang, Martinsville, NJ, UNITED STATES  
 Rameaka, Joshua G., Durham, NC, UNITED STATES  
 Page, Amy, Durham, NC, UNITED STATES  
 Mathew, Abraham V., Cary, NC, UNITED STATES  
 Ledford, Brooke L., Holly Springs, NC, UNITED STATES  
 Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES  
 Haas, William David, Durham, NC, UNITED STATES  
 Garcia, Carlos A., Carrboro, NC, UNITED STATES  
 Kricker, Maja, Pittsboro, NC, UNITED STATES  
 Slater, Ted, Apex, NC, UNITED STATES  
 Davis, Keith R., Durham, NC, UNITED STATES  
 Allen, Keith, Cary, NC, UNITED STATES  
 Hoffman, Neil, Chapel Hill, NC, UNITED STATES  
 Hurban, Patrick, Raleigh, NC, UNITED STATES

PI US 2002023280 A1 20020221  
 AI US 2001-770444 A1 20010126 (9)  
 PRAI US 2000-178502P 20000127 (60)  
 DT Utility  
 FS APPLICATION  
 LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528,  
 RTP, NC, 277094528  
 CLMN Number of Claims: 27  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 3845  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 13:06:03 ON 18 MAY 2004)

FILE 'USPATFULL' ENTERED AT 13:06:20 ON 18 MAY 2004

L1 32 S (NEFF, M? OR NEFF M?)/AU  
 L2 10 S (CHORY, J? OR CHORY J?)/AU  
 L3 2 S L1 AND L2  
 L4 40 S L1 OR L2  
 L5 38 S L4 NOT L3  
 L6 0 S L5 AND (BAS1 OR BAS-1 OR BAS(W)1)  
 L7 0 S L5 AND BAS  
 L8 0 S L5 AND BAS1  
 L9 0 S L5 AND BAS-1  
 L10 120 S BAS1 OR BAS-1 OR BAS(W)1  
 L11 118 S L10 NOT L4  
 L12 27 S L11 AND PLANT  
 L13 8 S L12 AND (CYTOCHROME OR BRASSINOLIDE)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	18.16	18.37

STN INTERNATIONAL LOGOFF AT 13:10:50 ON 18 MAY 2004